CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR GSB
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID	:	**CP-RW-2017-11-02-05** **Date: 04-11-2017**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Issac Layout in Ward no.02 of Yelahanka, Bangalore-560064.
Agency	:	Sri.N.Thirunagendra, Nmk.184, Bestarabeedi, Yelahanka, Bangalore-560064.
Customer Reference	:	EE(YNK.D)E-PMT-08/W.O/64/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-11-2017
Sample ID No	:	2017-11-02-05/01
Type of Mix	:	GSB (Granular Sub Base)
Date of test	:	02-11-2017
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec. Limit Vide Table 400.1 MORTH Specification
75	0	0	0	100	100
53	894	894	8.13	91.87	80-100
26.5	1573	2467	22.43	77.57	55-90
9.5	1569	4036	36.69	63.31	35-65
4.75	2490	6526	59.33	40.67	25-55
2.36	2164	8690	79.00	21.00	20-40
0.425	1206	9896	89.96	10.04	10-25
0.075	897	10793	98.12	1.88	0-5

TESTS ON FILLER SCREEN MATERIALS

Sl no	Particulars	Test results	Spec.Limit Vide Table 400.2 MORTH Specification
1	Liquid Limit, %	22.37%	Maximum 25
2	Plasticity index, %	Non plastic	Maximum 6

Note:-
The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL PRO BANGALORE Sig..... Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

civilproexperts@gmail.com

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID	:	**CP-RW-2017-11-27-04**	**Date: 30-11-2017**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and drains at Issac Layout in Ward no.02 of Yelahanka, Bangalore-560064.	
Agency	:	Sri.N.Thirunagendra, Nmk.184, Bestarabeedi, Yelahanka, Bangalore-560064.	
Customer Reference	:	EE(YNK.D)E-PMT-08/W.O/64/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	27-11-2017	
Sample ID No	:	2017-11-27-04/01	
Type of Mix	:	BC(Bitumenous Concrete)	
Date of test	:	27-11-2017	

Type of Binder	:	60/70
% of Binder Used	:	5.0%
Weight of Aggregate	:	200.0 gm
Weight of Binder	:	10.0 gm
Temperature of water bath	:	40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-8
1	97.5	2.5	97.5	Minimum Retained Coating 95%
2	98.0	2.0		
3	97.0	3.0		

Note:
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Date: 29-11-2017

Lab ID	:	**CP-RW-2017-11-27-04**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Issac Layout in Ward no.02 of Yelahanka, Bangalore-560064.
Agency	:	Sri.N.Thirunagendra, Nmk.184, Bestarabeedi, Yelahanka, Bangalore-560064.
Customer Reference	:	EE(YNK.D)E-PMT-08/W.O/64/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	27-11-2017
Sample ID No	:	2017-11-27-04/01
Type of Mix	:	BC-Plant (Bituminous Concrete)
Date of test	:	27-11-2017
Oven Dry Weight	:	5000 Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	75	75	1.5	98.5	90-100
9.5	689	764	15.3	84.7	70-88
4.75	905	1669	33.4	66.6	53-71
2.36	568	2237	44.7	55.3	42-58
1.18	503	2740	54.8	45.2	34-48
0.6	642	3382	67.6	32.4	26-38
0.3	478	3860	77.2	22.8	18-28
0.15	451	4311	86.2	13.8	12-20
0.075	350	4661	93.2	6.8	4-10
PAN	339	5000	100	0.0	0

Note:
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CIVIL Pro Sig..... Date..... BANGALORE

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End of Report

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